

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU 99/00448

A. CLASSIFICATION OF SUBJECT MATTERInt Cl⁶: B29C 33/04, 45/73, 45/74, 51/42, B21C 29/04, B22C 9/00, F01P 3/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
F01P 3/22, B29C, B29F, B21C29/04, B22C 9/00, B22D 41/005


Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPAT: IPC as above and keywords**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4488861 A (REIFENHAUSER) 18 December 1984 Claims 1-3	1-18
X	CA 1251612 A (AEC) 28 March 1989 Page 9 line 4 - page 10 line 10	1-18
X	DE 4033677 A (METZELER GIMETALL) 30 April 1992 Whole document	1-18

☒ Further documents are listed in the
continuation of Box C☒ See patent family annex

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search
2 July 1999Date of mailing of the international search report
08 JUL 1999Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200
WODEN ACT 2606
AUSTRALIA
Facsimile No.: (02) 6285 3929Authorized officer

M. BREMERS
Telephone No.: (02) 6283 2052

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2339427 A (BRUNSWICK) 26 August 1977 See Derwent abstract accession no. 31034Y/18, class A32 F01 R26	1-18
X	Derwent Abstract Accession No. 91-020636/03, class A31 SU 1565709 A (TAMBOVSK POLYMER) 23 May 1990	1-18
X	US 2292946 A (KARIG) 11 August 1942 Page 2 column 2 line 65-71 and claim 2	1-3, 15-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU 99/00448

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	4488861	BE	896151	DE	3211833	FI	830896
		FR	2524376	GB	2121719	NL	8300963
		NO	831081	SE	8301731		
CA	1251612	EP	183255	JP	61148008	US	4623497
		US	4680001				
FR	2339427	BE	850039	DE	2640676	IT	1115819
		JP	52096225	LU	76660	NL	7614377
END OF ANNEX							